

FEATURES

- **Steel Ball Material:** Offers high strength and resistance to wear, ensuring longevity.
- **Single Row Deep Groove Design:** Provides excellent radial load capacity, suitable for high-speed applications.
- **Parallel Bore Type:** Ensures precise alignment and easy installation.
- **Steel Cage Material:** Enhances the bearing's structural integrity and heat resistance.
- **Dynamic Load Rating of 7.95 kN:** Supports heavy loads, making it ideal for demanding environments.
- **Double Shielded End Type:** Protects against dust and debris, reducing maintenance needs.
- **Limiting Speed of 21000 rpm:** Suitable for high-speed operations, increasing efficiency.

RS PRO 20mm Single Row Deep Groove Ball Bearing

RS Stock No: 291-649



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This RS PRO ball bearing is designed for high-speed and high-load applications, providing reliable performance in various industrial settings. Its double-shielded design ensures protection against contaminants, enhancing durability and lifespan.

General Specifications

Ball Material	Steel
Bearing Type	Single Row Deep Groove Ball
Bore Type	Parallel
Cage Material	Steel
Dynamic Load Rating	7.95 kN
End Type	Double Shielded
Internal Clearance	CN
Limiting Speed	21000 rpm
Number of Rows	1
Product Type	Ball Bearing
Race Material	Steel
Race Type	Plain
Race Width	8 mm
Static Load Rating	4.5 kN

Mechanical Specifications

Inside Diameter	20 mm
Outside Diameter	42 mm

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021
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